

## EAST Search History

| Ref # | Hits    | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|--------------------|------------------|---------|------------------|
| S1    | 2579    | 370/252.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:49 |
| S2    | 1405    | 370/329.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:49 |
| S3    | 1605    | 370/328.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:49 |
| S4    | 1969    | 370/468.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:50 |
| S5    | 552     | 455/452.2.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:50 |
| S6    | 638     | 455/452.1.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:51 |
| S7    | 702     | 455/453.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:51 |
| S8    | 173     | 455/454.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:51 |
| S9    | 1070    | 455/63.1.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:53 |
| S10   | 1872    | 455/67.11.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:53 |
| S11   | 801     | 455/67.13.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:53 |
| S12   | 3690837 | @rlad<"20010730" @ad<"20010730"   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:58 |
| S13   | 30748   | CIR or SNR  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:58 |
| S14   | 201     | S1 and S13  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:58 |
| S15   | 133     | S14 and S12   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 09:26 |
| S16   | 68      | S14 not S15   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 08:58 |
| S19   | 60      | S15 and mobile  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 09:33 |
| S20   | 4432    | (CIR SNR interference noise) same mobile same (cell sector)                     | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 09:37 |
| S21   | 90      | S1 and S20  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 09:34 |
| S22   | 70      | S21 and S12   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 09:34 |
| S23   | 20      | S21 not S22   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 09:34 |
| S24   | 8693    | (CIR SNR interference noise) same (mobile wireless cellular) same (cell sector) | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 12:36 |
| S25   | 115     | S1 and S24  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 09:37 |
| S26   | 83      | S25 and S12   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 11:07 |
| S27   | 32      | S25 not S26   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 11:08 |
| S28   | 199     | S2 and S24  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/23 11:08 |

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|     |      |  |                    |    |    |                  |
|-----|------|--|--------------------|----|----|------------------|
| S29 | 143  | S28 and S12  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 11:09 |
| S30 | 173  | S3 and S24   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 12:36 |
| S31 | 3278 | (CIR SNR interference noise) with (mobile wireless cellular) with (cell sector)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 12:36 |
| S32 | 81   | S3 and S31   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 12:36 |
| S33 | 55   | S32 and S12  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 12:40 |
| S34 | 26   | S32 not S33  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 12:36 |
| S35 | 90   | S4 and S24   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 12:40 |
| S36 | 74   | S35 and S12  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 12:41 |
| S37 | 16   | S35 not S36  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 12:40 |
| S39 | 99   | S5 and S31   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 13:06 |
| S40 | 78   | S39 and S12  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 13:07 |
| S41 | 65   | S39 and S12 not (S21 S28 S32 S35)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 13:45 |
| S42 | 59   | S6 and S31 and S12 not (S21 S28 S32 S35 S39)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 13:53 |
| S45 | 46   | S7 and S31 and S12 not (S21 S28 S32 S35 S39 S42)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 14:03 |
| S47 | 14   | S8 and S31 and S12 not (S21 S28 S32 S35 S39 S42 S45)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 14:05 |
| S48 | 78   | S9 and S31 and S12 not (S21 S28 S32 S35 S39 S42 S45 S47)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 14:19 |
| S49 | 67   | S10 and S31 and S12 not (S21 S28 S32 S35 S39 S42 S45 S47 S48)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 14:26 |
| S50 | 16   | S11 and S31 and S12 not (S21 S28 S32 S35 S39 S42 S45 S47 S48 S49)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 14:26 |
| S51 | 14   | (US-20030193907-\$ or US-20030147353-\$ or US-20020151310-\$).did. or (US-5991273-\$ or US-6072778-\$ or US-6885694-\$ or US-7002920-\$ or US-6243584-\$ or US-6654611-\$ or US-6882846-\$ or US-6597705-\$ or US-6996127-\$ or US-6549781-\$ or US-6813479-\$).did. | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 14:30 |
| S52 | 14   | (US-20030193907-\$ or US-20030147353-\$ or US-20020151310-\$).did. or (US-5991273-\$ or US-6072778-\$ or US-6885694-\$ or US-7002920-\$ or US-6243584-\$ or US-6654611-\$ or US-6882846-\$ or US-6597705-\$ or US-6996127-\$ or US-6549781-\$ or US-6813479-\$).did. | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 15:03 |
| S53 | 14   | S52 and (interference sector cell mobile wireless)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 15:03 |
| S54 | 1    | "6885694".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 15:09 |
| S55 | 932  | estimat\$3 adj interference  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 15:10 |
| S56 | 121  | (estimat\$3 adj interference) and SIR  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 15:10 |
| S57 | 22   | (estimat\$3 adj interference) with (mobile wireless) with (SIR SNR cell sector)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 15:11 |

## EAST Search History

|     |    |   |                    |    |    |                  |
|-----|----|---|--------------------|----|----|------------------|
| S59 | 13 | S57 and S58                                     | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 15:26 |
| S60 | 1  | "6243584".pn.                                   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 15:34 |
| S61 | 39 | estimat\$3 with reverse with link with capacity | US-PGPUB;<br>USPAT | OR | ON | 2006/02/23 15:35 |
| S62 | 23 | S61 and S58                                     | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 08:16 |